

This Questionnaire is for checking intended hull shape and speed are suitable for waterjets and to initially select the best Castoldi waterjet drive option for it. Note that the more information provided, the greater the accuracy with which an appropriate propulsion system can be selected. All information provided will be treated as confidential. **The MOST IMPORTANT INFORMATION and units of measure are in red.**

PROJECT REFERENCE

Date:

1. Project Reference: **Approx. hours/day at full power:** **hrs/day**

2. Vessel Use: **Expected operating hours / year:** **hrs/yr**

3. Company: **Contact Name:**

4. Country: **Tel. No:** **Email:**

HULL DESCRIPTION

Hull Construction Material: Aluminium Wood GRP Steel Other:

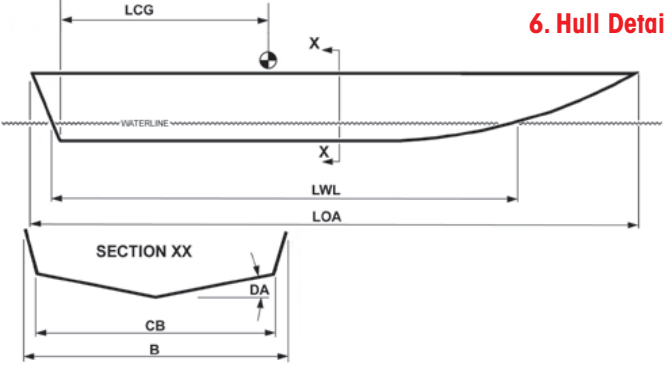
5. Hull Type: Monohedron Monohull Warped Monohull Catamaran* Other*:

Planing Semi-Displacement Displacement Barge/Landing Craft

Hard Chine Round Bilge RIB / RHIB Other:

Note any other distinguishing hull bottom features or appendages (eg: lifting foils, planing strakes, skegs, keel etc) * For catamarans and other multihull vessels, please provide total hull resistance

HULL DETAILS specify units of measure



If available please provide:
 Hull general arrangement drawings Hull line drawings

6. Hull Details: LOA (Overall Length):

LWL (Waterline Length):

LCG (Longitudinal Centre of Gravity at max. displacement):

B (Beam Overall):

CB (Chine Beam): **Max:** **and at transom:**

DA (Deadrise Angle): **at Mid LWL:** ° **DA at Transom:** °

Height (above WL for wind resistance allowance):

Displacement: Maximum: LCG:

Light: LCG:

Trials (if available): LCG:

EXPECTED DESIGN PERFORMANCE

7. Vessel Speed with Maximum Power Input (knots):

at Maximum Displacement: **knots**

at Trials Displacement: **knots**

at Light Displacement: **knots**

Seastate:

Attach Hull Resistance Data* (if available): Estimated Model Tested incl. allowances for: Wind Waves

Vessel Speed with Continuous Power Input (knots):

at Maximum Displacement: **knots**

at Trials Displacement: **knots**

at Light Displacement: **knots**

Seastate:

PROPOSED ENGINE(S)

Engine Number: Make: Model:

8. Power: Maximum: **kW** **Imperial hp (bhp)** **Metric hp (mhp)** at **rpm**

Continuous: **kW** **Imperial hp (bhp)** **Metric hp (mhp)** at **rpm**

Above ratings are: Nett Flywheel Power Nett Shaft Power (ie: waterjet input)